

Please type a plus sign (+) inside this box →

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Filing of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

She

1

8

2

**Complete if Known**

**Application Number**

**Filing Date** **H rewith**

**First Named Inventor**

## Group Art Unit

Examiner Name \_\_\_\_\_

Attorney Docket Number 1739/42

For more information, contact the Office of the Vice President for Research and Economic Development at 319-273-2500 or [research@uiowa.edu](mailto:research@uiowa.edu).

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner  
Signature

W. D. L.

Date  
Considered

6/02

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →

PTO/SB/08B (10-96)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	
		Filing Date	Herewith
		First Named Inventor	Katragadda et al.
		Group Art Unit	
		Examiner Name	
		Attorney Docket Number	1739/42
Sheet	2	of	2



#### OTHER PRIOR ART ~ NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
WS	E	ZETEC, Inc., MIZ-22 Dual-Frequency Eddy Current Instrument, 1993, 1 page (front of page)	
WS	F	ZETEC, Inc., MIZ-22 Dual-Frequency Eddy Current Instrument, 1993, 1 page (back of page)	
WS	G	ZAREMBSKI ET AL., TTCI, Technology Digest, Review of Rail-Testing Practices and Technologies - Overseas, June 1998, 4 pages	
WS	H	GARCIA and REIFF, TTCI, Test and Evaluation of Rail Defect Detection Technologies, September 1998, 17 pages	
WS	I	REIFF and GARCIA, TTCI, Increasing Cost Effectiveness of Continuous Welded Rail Through Improved Rail Defect Inspection, October 19, 1998, 13 pages	
WS	J	GARCIA and REIFF, TTCI, Technology Digest, Rail-Defect Test Facility: A Tool of Evaluating Defect-Detection Technologies, January 1999, 4 pages	
Levy	K	STONE ET AL., TTCI, Rail and Wheel Inspection Systems, Pueblo, CO, 1/6/99, 9 pages	
LW	L	GARCIA and REIFF, TTCI, Technology Digest, Benchmarking Results of North American Rail-Flaw Detection Technologies, February 1999, 4 pages	
LW	M	EARNEST ET AL., Transverse Crack Detection in Rail Heads, Proceedings of: 6th NDE Topical Conference April 19-22, 1999, San Antonio, Texas, 8 pages	

Examiner Signature		Date Considered	8/02
-----------------------	--	--------------------	------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →

PTO/SB/08B (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	09/907,249
				Filing Date	July 17, 2001
				First Named Inventor	Katragadda et al.
				Group Art Unit	
				Examiner Name	
(use as many sheets as necessary)				Attorney Docket Number	1739/42
Sheet	1	of	1		

## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	6/02
-----------------------	---	--------------------	------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.